```
not affected by terrain losses
                                      517056
                                                  16102.1
   lost to NTSC IX
                                          ი
                                                      0.0
   lost to additional IX by ATV
                                        4351
                                                    186.9
   lost to ATV IX only
                                        4351
                                                    186.9
   lost to all IX
                                        4351
                                                    186.9
Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                             BLCDT
                                       20050815AAA LIC
47A AL OPELIKA
                             BMPCDT
                                       20080317AAO
                                                    CP
46A AL HUNTSVILLE
                             USERRECORD01
                                                    APP
Percent new IX =
                    0.2067%
Result key:
                  22
Scenario
                6
                   Affected station
                                           1.0
Before Analysis
Results for: 46A AL MONTGOMERY
HAAT 130.0 m, ATV ERP 500.0 kW
                                          BLCDT
                                                    20060620ABX LIC
                                   POPULATION
                                                AREA (sq km)
   within Noise Limited Contour
                                      520260
                                                  16513.1
   not affected by terrain losses
                                      517056
                                                  16102.1
   lost to NTSC IX
                                           Ω
                                                      0.0
   lost to additional IX by ATV
                                        3289
                                                    129.2
   lost to ATV IX only
                                        3289
                                                    129.2
   lost to all IX
                                        3289
                                                    129.2
Potential Interfering Stations Included in above Scenario
                                                                 6
46A GA THOMASVILLE
                             BLCDT
                                       20050815AAA LIC
47A AL OPELIKA
                             DTVPLN
                                       DTVP1666
                                                    PLN
After Analysis
Results for: 46A AL MONTGOMERY
                                          BLCDT
                                                    20060620ABX LIC
   HAAT 130.0 m, ATV ERP 500.0 kW
                                   POPULATION
                                                AREA (sq km)
   within Noise Limited Contour
                                      520260
                                                  16513.1
   not affected by terrain losses
                                      517056
                                                  16102.1
   lost to NTSC IX
                                           Ω
                                                      0.0
   lost to additional IX by ATV
                                        4351
                                                    186.9
   lost to ATV IX only
                                        4351
                                                    186.9
   lost to all IX
                                        4351
                                                    186.9
Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                             BLCDT
                                       20050815AAA
                                                    LIC
47A AL OPELIKA
                                       DTVP1666
46A AL HUNTSVILLE
                             USERRECORD01
                                                    APP
Percent new IX =
                    0.2067%
Result key:
                  23
Scenario
                7 Affected station
                                           10
Before Analysis
                                                    20060620ABX LIC
Results for: 46A AL MONTGOMERY
                                          BLCDT
   HAAT 130.0 m, ATV ERP 500.0 kW
                                   POPULATION
                                                AREA (sq km)
   within Noise Limited Contour
                                      520260
                                                  16513.1
   not affected by terrain losses
                                                  16102.1
   lost to NTSC IX
                                                      0.0
   lost to additional IX by ATV
                                        3289
                                                    135.1
   lost to ATV IX only
                                        3289
                                                    135.1
   lost to all IX
                                        3289
                                                    135.1
 Potential Interfering Stations Included in above Scenario
```

520260

16513.1

within Noise Limited Contour

46A GA THOMASVILLE 47A AL OPELIKA	DIABIN	DTVP1643	PLN	
ANTHRAO DE ALE	RMLCDL	20080317A	AO CP	
After Analysis			t	
Results for: 46A AL MONTGOM HAAT 130.0 m, ATV ERP				LIC
	PO	PULATION .	AREA (sq km)	
within Noise Limited Con	tour	520260	16513.1	
not affected by terrain	losses	517056	16102.1	
lost to NTSC IX	7.007.7	4351	0.0	
lost to additional in by	ATV	4351	192.0	
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		4351	192.8	
Potential Interfering Stat	ions Incl	uded in abo	ve Scenario	7
46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN	
47A AL OPELIKA 46A AL HUNTSVILLE	BMPCDT	20080317A	AO CP	
46A AL HUNTSVILLE	USERRECO	RD01	APP	
Description of DOCTO				
Percent new IX = 0.2067%			•	
Result key: 24 Scenario 8 Affected	at-at-1 au	10		
Before Analysis	station	10		
<del>-</del>			,	
Results for: 46A AL MONTGOM HAAT 130.0 m, ATV ERP	ERY 500.0 kW	BLCDT	20060620ABX	LIC
•	PO	PULATION .	AREA (sq km)	
within Noise Limited Con	tour	520260	16513.1	
not affected by terrain	losses	517056	16102.1	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	3289	135.1	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		3289	135.1	
TOSC CO ALL IX		3209	133.1	
Potential Interfering Stat	ions Incl	uded in abo	ve Scenario	8
46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN	
47A AL OPELIKA	DTVPLN	DTVP1666	PLN	
After Analysis				
•				
Results for: 46A AL MONTGOM HAAT 130.0 m, ATV ERP	ERY	BLCDT	20060620ABX	LIC
	PΩ	DIIT.ATTON	AREA (sor km)	
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by	tour	520260	16513.1	
not affected by terrain	losses	517056	16102.1	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	4351	192.8	
fost to ATA TY OUTA			192.8	
lost to all IX		4351	192.8	
Potential Interfering Stat	ions Incl	uded in abo	ve Scenario	8
46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN	
47A AL OPELIKA	DTVPLN	DTVP1643	PLN	
46A AL HUNTSVILLE	USERRECO		APP	
Percent new IX = 0.2067%				
	_			
Worst case new IX 0.2067	% Scenari	0 1		
##################################	########	##########	##############	+#######

	•
Analysis of current record	
	State Application Ref. No.
46 WMCF-TV MONTGOMERY	
	t
Stations Potentially Affect	ing This Station
	Dist(km) Status Application Ref. No.
45 WPXH GADSDEN AL	167.3 LIC BLCDT -20020510AAL
45 WPXH GADSDEN AL 46 WCTV THOMASVILLE GA	167.3 PLN DTVPLN -DTVP1602
46 WCTV THOMASVILLE GA	287.7 LIC BLCDT -20050815AAA
46 WCTV THOMASVILLE GA	287.7 PLN DTVPLN -DTVP1643
47 WLGA OPELIKA AL	132.3 CP MOD BMPCDT -20080317AAO
47 WLGA OPELIKA AL	132.3 PLN DTVPLN -DTVP1666
46 WHNT HUNTSVILLE AL	167.3 LIC BLCDT -20020510AAL 167.3 PLN DTVPLN -DTVP1602 287.7 LIC BLCDT -20050815AAA 287.7 PLN DTVPLN -DTVP1643 132.3 CP MOD BMPCDT -20080317AAO 132.3 PLN DTVPLN -DTVP1666 261.4 APP USERRECORD-01
	i i
Total scenarios = 8	
	·
Result key: 25 Scenario 1 Affected stat	
	ion 11
Before Analysis	
Results for: 46A AL MONTGOMERY	
HAAT 308.0 m, ATV ERP 500.0	kW
	POPULATION AREA (sq km)
within Noise Limited Contour	648497 22684.8
within Noise Limited Contour not affected by terrain losse lost to NTSC IX	s 644982 22262.8
lost to NTSC IX	0 0.0
lost to NTSC IX lost to additional IX by ATV lost to ATV IX only	2353 410.2
lost to all IX	2353 410.2
Potential Interfering Stations	Included in above Scenario 1
461 63 80000 60000 80000	
46A GA THOMASVILLE BLCD	
47A AL OPELIKA BMPC	DT 20080317AAO CP
7.5h 71	
After Analysis	
Results for: 46A AL MONTGOMERY	DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0	
MAMI 300.0 M, AIV ERP 300.0	POPULATION AREA (sq km)
within Noise Limited Contour	
not affected by terrain losse	s 644982 22262.8
lost to NTSC IX	0 0.0
lost to additional IX by ATV	
lost to ATV IX only	4252 493.4 4252 493.4
lost to all IX	4252 493.4
TOBC CO GII IN	1202 100.1
Potential Interfering Stations	Included in above Scenario 1
100000201 EHOULEGIANS DOGGEOUS	
46A GA THOMASVILLE BLCD	T 20050815AAA LIC
	DT 20080317AAO CP
	RECORD01 APP
Percent new IX = 0.2955%	
Result key: 26	
Result key: 26 Scenario 2 Affected stat	ion 11
Before Analysis	
-	
Results for: 46A AL MONTGOMERY	DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0	kW
	POPULATION AREA (so km)
within Noise Limited Contour	
not affected by terrain losse	s 644982 22262.8
lost to NTSC IX	0 0.0
lost to additional IX by ATV	2353 410.2
lost to ATV IX only	2353 410.2
lost to all IX	2353 410.2

Potential Interfering Stat	ions Incl	uded in above	Scenario	2
46A GA THOMASVILLE 47A AL OPELIKA		20050815AAA DTVP1666		
After Analysis				
Results for: 46A AL MONTGON HAAT 308.0 m, ATV ERP			DTVP1635	PLN
			A (sq km)	
not affected by terrain	losses	644982 2	2262.8	
lost to additional IX by	ATV	4252	493.4	
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		4252 4252	493.4 493.4	
Potential Interfering Stat				2
46A GA THOMASVILLE	BLCDT	20050815AAA	LIC	
46A GA THOMASVILLE 47A AL OPELIKA 46A AL HUNTSVILLE	DTVPLN USERRECO	DTVP1666 RD01	PLN APP	
Percent new IX = 0.2955				
Result key: 27				
Scenario 3 Affected Before Analysis	l station	11		
Results for: 46A AL MONTGON HAAT 308.0 m, ATV ERP	500.0 kW			PLN
within Noise Limited Cor	ntour	PULATION ARE 648497 2	2684.8	
not affected by terrain	losses	644982 2	2262.8	
lost to additional IX by	, ATV	2410	0.0 417.1	
lost to ATV IX only lost to all IX		2410 2410	417.1 417.1	
Potential Interfering Stat	ions Incl			3
46A GA THOMASVILLE	איזפעייע	DTVP1643	PLN	
46A GA THOMASVILLE 47A AL OPELIKA	BMPCDT	20080317AAO	CP	
After Analysis				
Results for: 46A AL MONTGON HAAT 308.0 m, ATV ERP	MERY 500.0 kW	DTVPLN	DTVP1635	PLN
within Noise Limited Cor	PO	PULATION ARE	A (sq km)	
not affected by terrain	Tosses	644982 2	2262.8	
lost to NTSC IX lost to additional IX by		0 4309	0.0 500.3	
lost to ATV IX only	AIV	4309	500.3	
lost to all IX		4309	500.3	
Potential Interfering Stat	ions Incl	uded in above	Scenario	3
46A GA THOMASVILLE 47A AL OPELIKA	DTVPLN			
46A AL HUNTSVILLE	BMPCDT USERRECO	20080317AAO RD01	CP APP	
Percent new IX = 0.2955%	•			
Result key: 28				
Scenario 4 Affected Before Analysis	l station	11		
Results for: 46A AL MONTGOM	IERY	DTVPLN	DTVP1635	PLN

HAAT 308.0 m, ATV ERP	500.0 kW			
	PC	PULATION	AREA (sq km)	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour	648497	22684.8	
lost to NTSC TY	Tosses	644982 0	22262.8	
lost to additional IX by	ATV	2410	417.1	
lost to ATV IX only	•	2410	417.1	
lost to all IX		2410	417.1	
Potential Interfering Stat			,	4
46A GA THOMASVII.I.R	זא. זכו שיים	DTVP1643	PLN	
46A GA THOMASVILLE 47A AL OPELIKA	DTVPLN	DTVP1666		
	1			
After Analysis				
Results for: 46A AL MONTGOM HAAT 308.0 m, ATV ERP	500.0 kW		DTVP1635	PLN
	PC	OPULATION	AREA (sq km)	
within Noise Limited Con	tour	648497	22684.8	
not affected by terrain	Tosses	644982	22262.8	
lost to MISC IX	• 7\m\7	4309	0.0	
lost to ATV TY only	AIV	4309	500.3	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		4309	500.3	
Potential Interfering Stat			ve Scenario	4
46A GA THOMASVILLE 47A AL OPELIKA 46A AL HUNTSVILLE	DTVPLN	DTVP1643		
47A AL OPELIKA	DIVPLN	DTVP1666		
46A AL HUNTSVILLE	USERREC	TKDOT	APP	
Percent new IX = 0.2955%	វ			
Result key: 29 Scenario 5 Affected				
Scenario 5 Affected	d station	11		
Before Analysis				
Results for: 46A AL MONTGOM	rc'DV	א. דמקאיירו	בא במשיים ו	PLN
HAAT 308.0 m, ATV ERP			DIVET033	T 1114
11111 00010 my 1111 2m2	PO	OPULATION	AREA (sc km)	
within Noise Limited Cor	ntour	648497	22684.8	
not affected by terrain lost to NTSC IX	losses	644982	22262.8	
lost to NTSC IX		0		
lost to additional IX by	ATV	2353	410.2	
lost to ATSC IX lost to additional IX by lost to ATV IX only lost to all IX		2353 2353	410.2 410.2	
TOSC CO ALL IX		2353	410.2	
Potential Interfering Stat	ions Inc	luded in abo	ve Scenario	5
46A GA THOMASVILLE	BLCDT	20050815	AA LIC	
47A AL OPELIKA	BMPCDT	20080317 <i>F</i>	AO CP	
After Analysis				
Results for: 46A AL MONTGON	uzbv	DTVPLN	DTVP1635	PLN
HAAT 308.0 m, ATV ERP			DIVILO35	1 111
			AREA (sq km)	
within Noise Limited Cor	ıtour	648497	22684.8	
not affected by terrain	losses			
lost to NTSC IX	. 7.077	0	0.0	
lost to additional IX by lost to ATV IX only	ATA	4252 4252	493.4 493.4	
lost to all IX		4252 4252	493.4	
TODO CO GII IA		1000	400.4	
Potential Interfering Stat	ions Inc	luded in abo	ve Scenario	5
46A GA THOMASVILLE	BLCDT	20050815	AA LIC	
47A AL OPELIKA	BMPCDT	20080317	AO CP	
46A AL HUNTSVILLE	USERRECO	ORD01	APP	

Percent new IX = 0.2955%				
Result key: 30 Scenario 6 Affected Before Analysis	station	11	•	
Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5	00.0 kW		DTVP1635	PLN
	PO	PULATION	(mx pa) ABRA	
within Noise Limited Cont	our	648497	22684.8	
not affected by terrain 1	.osses	644982	22262.8	
lost to additional TV by	ληπ <i>τ</i>	22 52	410.0	
lost to ATV IX only	AIV	2353	410.2	
within Noise Limited Cont not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		2353	410.2	
Potential Interfering Stati				6
46A GA THOMASVILLE 47A AL OPELIKA	BLCDT	20050815A DTVP1666	AA LIC	
T/A AL OFBLIKA	DIALIN	DIVETOGO	FIIN	
After Analysis				
Results for: 46A AL MONTGOME			DTVP1635	PLN
HAAT 308.0 m, ATV ERP 5	00.0 KW	DITT. NUTCH	ADEA (or len)	
within Noise Limited Cont not affected by terrain I lost to NTSC IX	·Our	648497	22684 8	
not affected by terrain	osses	644982	22262.8	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	4252	493.4	
lost to ATV IX only		4252	493.4	
not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		4252	493.4	
Potential Interfering Stati	ons Incl	uđed in abo	ve Scenario	6
46A GA THOMASVILLE	BLCDT	20050815A	AA LIC	
46A GA THOMASVILLE 47A AL OPELIKA	BLCDT DTVPLN	20050815A DTVP1666	AA LIC PLN	
46A GA THOMASVILLE 47A AL OPELIKA 46A AL HUNTSVILLE	BLCDT DTVPLN USERRECO	20050815A DTVP1666 PRD01	AA LIC PLN APP	
Percent new IX = 0.2955%	BLCDT DTVPLN USERRECO	20050815A DTVP1666 PRD01	AA LIC PLN APP	
Percent new IX = 0.2955% Result key: 31			AA LIC PLN APP	
Percent new IX = 0.2955%			AA LIC PLN APP	
Percent new IX = 0.2955%  Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME	station ERY	11 DTVPLN	AA LIC PLN APP  DTVP1635	PLN
Percent new IX = 0.2955%  Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP	station ERY	11 DTVPLN	DTVP1635	PLN
Percent new IX = 0.2955%  Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5	station ERY 500.0 kW	11 DTVPLN	DTVP1635	PLN
Percent new IX = 0.2955%  Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5  within Noise Limited Cont not affected by terrain 1	station ERY 500.0 kW FC cour .osses	11 DTVPLN PPULATION 648497 644982	DTVP1635 AREA (sq km) 22684.8 22262.8	PLN
Percent new IX = 0.2955%  Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5  within Noise Limited Cont not affected by terrain 1	station ERY 500.0 kW FC cour .osses	11 DTVPLN PPULATION 648497 644982	DTVP1635  AREA (sq km) 22684.8 22262.8 0.0	PLN
Percent new IX = 0.2955%  Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5  within Noise Limited Cont not affected by terrain I lost to NTSC IX lost to additional IX by	station ERY 500.0 kW FC cour .osses	11 DTVPLN PPULATION 648497 644982 0 2410	DTVP1635  AREA (sq km) 22684.8 22262.8 0.0 417.1	PLN
Percent new IX = 0.2955%  Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5  within Noise Limited Cont not affected by terrain 1	station ERY 500.0 kW FC cour .osses	11 DTVPLN PPULATION 648497 644982	DTVP1635  AREA (sq km) 22684.8 22262.8 0.0	PLN
Percent new IX = 0.2955%  Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5  within Noise Limited Cont not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only	station ERY 500.0 kW PC COUR COSSES ATV	DTVPLN DTVPLN DPULATION 648497 644982 0 2410 2410 2410	DTVP1635  AREA (sq km) 22684.8 22262.8 0.0 417.1 417.1 417.1	PLN 7
Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5  within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Statis	station ERY 500.0 kW FC cour cosses ATV .ons Incl	DTVPLN DPULATION 648497 644982 0 2410 2410 2410 .uded in abo	DTVP1635  AREA (sq km) 22684.8 22262.8 0.0 417.1 417.1 417.1 ve Scenario	
Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	station ERY 500.0 kW PC COUR COSSES ATV	DTVPLN DPULATION 648497 644982 0 2410 2410 2410 2410 .uded in abo	DTVP1635  AREA (sq km) 22684.8 2262.8 0.0 417.1 417.1 417.1 ve Scenario PLN	
Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5  within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State  46A GA THOMASVILLE	station  ERY  00.0 kW  FO  cour  cosses  ATV  Cons Incl  DTVPLN	DTVPLN DPULATION 648497 644982 0 2410 2410 2410 2410 .uded in abo	DTVP1635  AREA (sq km) 22684.8 2262.8 0.0 417.1 417.1 417.1 ve Scenario PLN	
Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5 within Noise Limited Content affected by terrain 10 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Statistical Content of the ATV IX only Lost to ATV	station ERY 500.0 kW FC cour cosses ATV  Ons Incl DTVPLN BMPCDT	DTVPLN DPULATION 648497 644982 0 2410 2410 2410 2410 .uded in abo	DTVP1635  AREA (sq km) 22684.8 22262.8 0.0 417.1 417.1 417.1 ve Scenario PLN AO CP	
Result key: 31 Scenario 7 Affected Before Analysis Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Statis 46A GA THOMASVILLE 47A AL OPELIKA  After Analysis Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5	station  ERY  00.0 kW  FO  cour  cosses  ATV  Cons Incl  DTVPLN  BMPCDT  ERY  600.0 kW  PO	DTVPLN DPULATION 648497 644982 0 2410 2410 2410 .uded in abo DTVP1643 20080317A	DTVP1635  AREA (sq km) 22684.8 2262.8 0.0 417.1 417.1 417.1 ve Scenario PLN AO CP  DTVP1635  AREA (sq km)	7
Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Statistical AL OPELIKA  After Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5 within Noise Limited Cont	station  ERY  500.0 kW  FC  COUT  COSSES  ATV  CONS Incl  DTVPLN  BMPCDT  ERY  600.0 kW  FC  COUT	DTVPLN DPULATION 648497 644982 0 2410 2410 2410 2410 .uded in abo DTVP1643 20080317A DTVPLN DPULATION 648497	DTVP1635  AREA (sq km) 22684.8 22262.8 0.0 417.1 417.1 417.1 ve Scenario PLN AO CP  DTVP1635  AREA (sq km) 22684.8	7
Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 46A GA THOMASVILLE 47A AL OPELIKA  After Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5 within Noise Limited Cont not affected by terrain I	station  ERY  500.0 kW  FC  COUT  COSSES  ATV  CONS Incl  DTVPLN  BMPCDT  ERY  600.0 kW  FC  COUT	DTVPLN DPULATION 648497 644982 0 2410 2410 2410 .uded in abo DTVP1643 20080317A  DTVPLN DPULATION 648497 644982	DTVP1635  AREA (sq km) 22684.8 22262.8 0.0 417.1 417.1 417.1 ve Scenario  PLN AO CP  DTVP1635  AREA (sq km) 22684.8 2262.8	7
Result key: 31 Scenario 7 Affected Before Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Statistical AL OPELIKA  After Analysis  Results for: 46A AL MONTGOME HAAT 308.0 m, ATV ERP 5 within Noise Limited Cont	station  ERY 500.0 kW FC COUT COSSES  ATV  CONS Incl DTVPLN BMPCDT  ERY 500.0 kW FC COUT COSSES	DTVPLN DPULATION 648497 644982 0 2410 2410 2410 2410 .uded in abo DTVP1643 20080317A DTVPLN DPULATION 648497	DTVP1635  AREA (sq km) 22684.8 22262.8 0.0 417.1 417.1 417.1 ve Scenario PLN AO CP  DTVP1635  AREA (sq km) 22684.8	7

-20050815AAA -DTVP1643 -20080317AAO

lost to ATV IX only lost to all IX		4309 4309	500.3 500.3	
Potential Interfering Stat	ions Incl	uded in above	Scenario	7
46A GA THOMASVILLE 47A AL OPELIKA 46A AL HUNTSVILLE	DTVPLN BMPCDT USERRECO	DTVP1643 20080317AAC RD01	) CP	
Percent new IX = 0.2955%				
Result key: 32 Scenario 8 Affected Before Analysis	station	11		
Results for: 46A AL MONTGOM HAAT 308.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	ERY 500.0 kW	DTVPLN	DTVP1635	PLN
	PO	PULATION AR	MEA (sq km)	
within Noise Limited Con	tour	648497	22684.8	
not affected by terrain	losses	644982	22262.8	
lost to NTSC IX		0	0.0	
lost to additional IX by	VTA	2410	417.1	
lost to ATV IX only		2410	417.1	
lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		2410	417.1	
Potential Interfering Stat				8
46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN	
		DTVP1666		
	2111111	D1111000	1 111,4	
After Analysis				
Results for: 46A AL MONTGOM HAAT 308.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX	ERY 500.0 kW	DTVPLN	DTVP1635	PLN
within Woise Timited Com	10	PULATION AR	CEA (SQ KM)	
within Noise Limited Con	cour	648497	22684.8	
not affected by terrain	Tosses	644982	22262.8	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	4309	500.3	
lost to ATV IX only		4309	500.3	
not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		4309	500.3	
Potential Interfering Stat				8
46A GA THOMASVILLE	זא.זכוניינית	DTVP1643	PLN	
47A AL OPRITRA	DIVETM	DTVP1666		
46A GA THOMASVILLE 47A AL OPELIKA 46A AL HUNTSVILLE	DIVIDECO	D1 V1 1000	APP	
TOW MI HONIDVILLE	USERRECU.	KDOT	APP	
Percent new IX = 0.2955%				
Worst case new IX 0.2955	% Scenari	0 3		
###########################	########	############	###########	+#########
Analysis of Interferen	ce to Aff	ected Station	12	
Analysis of current record				
	City/State		ication Ref.	
46 WMCF-TV MONTG	OMERY AL	В	PCDT -200	080319AAV
Stations Potentially A	ffecting t	This Station		
Ohan Call City/Char		Dist /1 \ C+		tion Def W-
Chan Call City/State		Dist(km) St		ation Ref. No.
45 WPXH GADSDEN AL		167.3 L		-20020510AAI
45 WPXH GADSDEN AL		167.3 P		-DTVP1602
46 WCTV THOMASVILLE		287.7 Ь		-20050815AA
46 WCTV THOMASVILLE	GA	287.7 P		
47 WLGA OPELIKA AL		132.3 C	P MOD BMPCDT	-20080317AA

```
WLGA
               OPELIKA AL
                                         132.3 PLN
                                                       DIVPLN
                                                                 -DTVP1666
      WHNT
               HUNTSVILLE AL
                                         261.4 APP
                                                       USERRECORD-01
 46
 Total scenarios =
Result key:
                  33
Scenario
                1 Affected station
                                          12
Before Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                   20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                 POPULATION
                                              AREA (sq km)
   within Noise Limited Contour
                                     648447
                                                 22678.0
   not affected by terrain losses
                                     645037
                                                 22259.0
   lost to NTSC IX
                                         0
                                                     0.0
   lost to additional IX by ATV
                                       2206
                                                   391.6
   lost to ATV IX only
                                       2206
                                                   391.6
   lost to all IX
                                       2206
                                                   391.6
 Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            BLCDT
                                      20050815AAA LIC
47A AL OPELIKA
                                      20080317AAO CP
                            BMPCDT
After Analysis
                                         BPCDT
Results for: 46A AL MONTGOMERY
                                                   20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                     648447
                                                 22678.0
   not affected by terrain losses
                                     645037
                                                 22259.0
   lost to NTSC IX
                                         n
                                                    0.0
   lost to additional IX by ATV
                                       4414
                                                   481.7
   lost to ATV IX only
                                                   481.7
                                       4414
   lost to all IX
                                       4414
                                                   481.7
 Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            BLCDT
                                      20050815AAA LIC
47A AL OPELIKA
                            BMPCDT
                                      20080317AAO
46A AL HUNTSVILLE
                            USERRECORD01
                                                   APP
Percent new IX =
                    0.3435%
Result kev:
                  34
                2 Affected station
Scenario
                                          12
Before Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                   20080319AAV CP.
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                     648447
                                                 22678.0
   not affected by terrain losses
                                     645037
                                                 22259.0
   lost to NTSC IX
                                         Ω
                                                     0.0
   lost to additional IX by ATV
                                       2206
                                                   391.6
   lost to ATV IX only
                                       2206
                                                   391.6
   lost to all IX
                                       2206
 Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            BLCDT
                                      20050815AAA LIC
47A AL OPELIKA
                            DIVPLN
                                      DTVP1666
After Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                   20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                     648447
                                                 22678.0
```

```
not affected by terrain losses
                                      645037
                                                  22259.0
   lost to NTSC IX
                                          0
                                                     0.0
   lost to additional IX by ATV
                                                    481.7
                                        4414
   lost to ATV IX only
                                        4414
                                                    481.7
   lost to all IX
                                        4414
                                                    481.7
 Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            BLCDT
                                       20050815AAA LIC
47A AL OPELIKA
                            DTVPLN
                                      DTVP1666
                                                   PLN
46A AL HUNTSVILLE
                            IISERRECORDO1
                                                    APP
Percent new IX =
                    0.3435%
Result key:
                  35
Scenario
                3 Affected station
                                          1.2
Before Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                    20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                                AREA (sq km)
   within Noise Limited Contour
                                      648447
                                                  22678.0
   not affected by terrain losses
                                      645037
                                                  22259.0
   lost to NTSC IX
                                                     0.0
                                          0
   lost to additional IX by ATV
                                        2373
                                                    404.4
   lost to ATV IX only
                                        2373
                                                    404.4
   lost to all IX
                                                    404.4
 Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            DTVPLN
                                      DTVP1643
47A AL OPELIKA
                            BMPCDT
                                      20080317AAO
After Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                    20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                     648447
                                                  22678.0
   not affected by terrain losses
                                      645037
                                                  22259.0
   lost to NTSC IX
                                                      0.0
                                          0
   lost to additional IX by ATV
                                        4581
                                                    494.4
   lost to ATV IX only
                                        4581
                                                    494.4
   lost to all IX
                                        4581
                                                    494.4
 Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                                      DTVP1643
                            MADE!M
                                                    PT.N
47A AL OPELIKA
                            BMPCDT
                                      20080317AAO
                                                   CP
46A AL HUNTSVILLE
                            USERRECORD01
Percent new IX =
                    0.3436%
Result key:
                  36
                4 Affected station
Scenario
                                          12
Before Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                    20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                                AREA (sq km)
                                  POPULATION
   within Noise Limited Contour
                                     648447
                                                  22678.0
   not affected by terrain losses
                                      645037
                                                  22259.0
                                                      0.0
   lost to NTSC IX
   lost to additional IX by ATV
                                        2373
                                                    404.4
   lost to ATV IX only
                                        2373
                                                    404.4
   lost to all IX
                                       2373
                                                    404.4
Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            DTVPLN
```

**DTVP1643** 

PLN

```
47A AL OPELIKA
                            DTVPLN
                                      DTVP1666
                                                   PLN
After Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                   20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                     648447
                                                 22678.0
   not affected by terrain losses
                                     645037
                                                 22259.0
   lost to NTSC IX
                                          0
                                                     0.0
   lost to additional IX by ATV
                                       4581
                                                   494.4
   lost to ATV IX only
                                       4581
                                                    494.4
   lost to all IX
                                       4581
                                                   494.4
 Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            DIVPLN
                                      DTVP1643
47A AL OPELIKA
                            DTVPLN
                                      DTVP1666
                                                   PLN
46A AL HUNTSVILLE
                            USERRECORD01
                                                   APP
Percent new IX =
                    0.3436%
Result key:
                  37
                5 Affected station
Scenario
                                          12
Before Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                    20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                               AREA (sq km)
                                  POPULATION
   within Noise Limited Contour
                                     648447
                                                 22678.0
   not affected by terrain losses
                                                 22259.0
                                     645037
   lost to NTSC IX
                                                     0.0
                                       2206
                                                   391.6
   lost to additional IX by ATV
   lost to ATV IX only
                                       2206
                                                   391.6
   lost to all IX
                                       2206
                                                   391.6
 Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            BLCDT
                                      20050815AAA LIC
47A AL OPELIKA
                            BMPCDT
                                       20080317AAO
After Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                   20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                                 22678.0
                                     648447
   not affected by terrain losses
                                     645037
                                                 22259.0
   lost to NTSC IX
                                          0
                                                     0.0
   lost to additional IX by ATV
                                        4414
                                                    481.7
   lost to ATV IX only
                                                   481.7
                                       4414
   lost to all IX
                                       4414
                                                   481.7
 Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            BLCDT
                                      20050815AAA LIC
47A AL OPELIKA
                            RMPCDT
                                      20080317AAO CP
46A AL HUNTSVILLE
                            USERRECORD01
                                                   APP
Percent new IX =
                    0.3435%
Result key:
                  38
Scenario
                6 Affected station
Before Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                   20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                               AREA (sq km)
                                  POPULATION
   within Noise Limited Contour
                                     648447
                                                 22678.0
```

645037

22259.0

not affected by terrain losses

```
lost to NTSC IX
   lost to additional IX by ATV
                                       2206
                                                   391.6
   lost to ATV IX only
                                       2206
                                                   391.6
   lost to all IX
                                       2206
                                                   391.6
Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            BLCDT
                                      20050815AAA LIC
47A AL OPELIKA
                            DTVPLN
                                      DTVP1666
After Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                   20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                     648447
                                                 22678.0
   not affected by terrain losses
                                                 22259.0
   lost to NTSC IX
                                         0
                                                     0.0
   lost to additional IX by ATV
                                       4414
                                                   481.7
   lost to ATV IX only
                                       4414
                                                   481.7
   lost to all IX
                                       4414
                                                   481.7
Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            BLCDT
                                      20050815AAA T.TC
47A AL OPELIKA
                            DTVPLN
                                      DTVP1666
                                                   PLN
46A AL HUNTSVILLE
                            USERRECORD01
                                                   APP
Percent new IX =
                    0.3435%
Result key:
                  39
Scenario
                7 Affected station
                                          12
Before Analysis
Results for: 46A AL MONTGOMERY
                                         BPCDT
                                                   20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                               AREA (sq km)
                                     648447
   within Noise Limited Contour
                                                 22678.0
   not affected by terrain losses
                                     645037
                                                 22259.0
   lost to NTSC IX
                                          0
                                                     0.0
   lost to additional IX by ATV
                                       2373
                                                   404.4
   lost to ATV IX only
                                       2373
                                                   404.4
   lost to all IX
                                       2373
                                                   404.4
Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            DTVPLN
                                      DTVP1643
                                                   PT.N
                                      20080317AAO
47A AL OPELIKA
                            BMPCDT
After Analysis
Results for: 46A AL MONTGOMERY
                                         BECDT
                                                   20080319AAV CP
   HAAT 305.0 m, ATV ERP 500.0 kW
                                  POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                                 22678.0
                                     648447
   not affected by terrain losses
                                     645037
                                                 22259.0
   lost to NTSC IX
                                                     0.0
                                         0
                                       4581
   lost to additional IX by ATV
                                                   494.4
   lost to ATV IX only
                                       4581
                                                   494.4
   lost to all IX
                                                   494.4
                                       4581
Potential Interfering Stations Included in above Scenario
46A GA THOMASVILLE
                            DIVPLN
                                      DTVP1643
                                                   PLN
47A AL OPELIKA
                            BMPCDT
                                      20080317AAO
                                                  CP
46A AL HUNTSVILLE
                            USERRECORD01
                                                   APP
Percent new IX =
                    0.3436%
```

Result key:

Scenario 8 Affected station 12 Before Analysis Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP HAAT 305.0 m, ATV ERP 500.0 kW POPULATION AREA (sq km) within Noise Limited Contour 648447 22678.0 not affected by terrain losses 645037 22259.0 lost to NTSC IX 0 0.0 lost to additional IX by ATV 2373 404.4 lost to ATV IX only 2373 404.4 lost to all IX 2373 404.4 Potential Interfering Stations Included in above Scenario 46A GA THOMASVILLE DTVPLN **DTVP1643** PLN 47A AL OPELIKA DTVPLN DTVP1666 After Analysis Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP HAAT 305.0 m, ATV ERP 500.0 kW POPULATION AREA (sq km) within Noise Limited Contour 648447 22678.0 not affected by terrain losses 645037 22259.0 lost to NTSC IX 0 0.0 lost to additional IX by ATV 494.4 4581 lost to ATV IX only lost to all IX 4581 494.4 4581 494.4 Potential Interfering Stations Included in above Scenario 46A GA THOMASVILLE DTVPLN **DTVP1643** 47A AL OPELIKA DTVPLN DTVP1666 PLN 46A AL HUNTSVILLE USERRECORD01 APP Percent new IX = 0.3436% 0.3436% Scenario Worst case new IX Analysis of Interference to Affected Station 13 Analysis of current record Channel City/State Call Application Ref. No. 46 EVANSVILLE IN -20050916ACR WEIE BLCDT Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. EVANSVILLE IN 45 WEVV 2.2 LIC BLCDT -20080404ACD 45 WEVV EVANSVILLE IN 2.2 PLM DTVPLN -DTVP1612 WIVP PEORIA IL 352.2 46 LIC BLEDT -20040105ACV 46 WTVP PEORIA IL 352.2 DTVPLN -DTVP1644 PLN WWHO CHILLICOTHE OH 46 426.2 LIC BLCDT -20021025AAA 46 **WWHO** CHILLICOTHE OH 426.2 PLN DTVPLN -DTVP1652 BLCDT 47 WAVE LOUISVILLE KY 157.0 LIC -20030306ABQ

157.0

360.9

13

PLN

APP

DTVPLN

USERRECORD-01

-DTVP1675

47

46

WAVE

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Result key: Scenario

Before Analysis

Total scenarios =

LOUISVILLE KY

HUNTSVILLE AL

1 Affected station

Results for: 46A IN EVANSV. HAAT 310.0 m, ATV ERP	ILLE 250.0 kW	BLCDT	20050916ACR	LIC
			AREA (sq km)	
within Noise Limited Con		713137	22523.0	
not affected by terrain	losses	711488	22380 8	
lost to NTSC IX		0	0.0	
lost to additional TX by	√ምል ъ		23.7	
lost to ATV IX only	, •	369	23.7	
lost to all IX		369	23.7	
		305	23.1	
Potential Interfering Star	tions Incl	luded in ab	ove Scenario	1
45A IN EVANSVILLE	BLCDT	20080404	ACD LIC	
After Analysis				
Results for: 46A IN EVANSV HAAT 310.0 m, ATV ERP	250.0 kW			LIC
	PC	OPULATION	AREA (sq km)	
within Noise Limited Con	atour	713137	22523.0	
not affected by terrain	losses	711488	22380.8	
TORE TO NIRC IX		0	0.0	
lost to additional IX by lost to ATV IX only	y ATV	448	26.6	
		448	26.6	
lost to all IX		448	26.6	
Potential Interfering Stat	tions Incl	luded in ab	ove Scenario	1
45A IN EVANSVILLE	BLCDT	20080404	ACD LIC	
45A IN EVANSVILLE 46A AL HUNTSVILLE	USERRECO		APP	
Percent new IX = 0.01119	ł			
Result key: 42 Scenario 2 Affected				
Scenario 2 Affected	d station	13		
Before Analysis				
Results for: 46A IN EVANSVI		BLCDT	20050916ACR	LIC
HAAT 310.0 m, ATV ERP				
	PC	PULATION	· •	
within Noise Limited Cor	itour	713137	22523.0	
not affected by terrain	Tosses	711488	22380.8	
lost to NTSC IX	- 200007	0	0.0	
lost to additional IX by	ATV		21.7	
lost to ATV IX only lost to all IX		447	21.7 21.7	
TOSC CO ATT IX		447	21.7	
Potential Interfering Stat	ions Incl	uded in abo	ove Scenario	2
45A IN EVANSVILLE	DTVPLN	DTVP1612	PLN	
After Analysis				
Results for: 46A IN EVANSVI	TJE	BLCDT	20050916ACR	T.T.C
	250.0 kW			HIC
within Noise Limited Con		PULATION 713137	AREA (sq km) 22523.0	
not affected by terrain		711488	22380.8	
lost to NTSC IX		0	0.0	
lost to additional IX by	י אייע	526	24.7	
lost to ATV IX only	- <del></del> -	526	24.7	
lost to all IX		526	24.7	
· · · · · · · · · · · · · · · · · · ·				
Potential Interfering Stat	ions Incl	uded in abo	ove Scenario	2
45A IN EVANSVILLE	DTVPLN	DTVP1612	PLN	
46A AL HUNTSVILLE	USERRECO	RD01	APP	
Percent new IX = 0.0111%				

```
Result key:
                  43
                3 Affected station
Scenario
                                           13
Before Analysis
Results for: 46A IN EVANSVILLE
                                          BLCDT
                                                    20050916ACR LIC
   HAAT 310.0 m, ATV ERP 250.0 kW
                                   POPULATION
                                              AREA (sq km)
   within Noise Limited Contour
                                      713137
                                                  22523.0
   not affected by terrain losses
                                                  22380.8
                                      711488
   lost to NTSC IX
                                          0
                                                      0.0
   lost to additional IX by ATV
                                         369
                                                     23.7
   lost to ATV IX only
                                         369
                                                     23.7
   lost to all IX
                                         369
                                                     23.7
 Potential Interfering Stations Included in above Scenario
45A IN EVANSVILLE
                            BLCDT
                                       20080404ACD LIC
After Analysis
Results for: 46A IN EVANSVILLE
                                          BLCDT
                                                    20050916ACR LIC
   HAAT 310.0 m, ATV ERP 250.0 kW
                                  POPULATION AREA (sq km)
   within Noise Limited Contour
                                                  22523.0
                                      713137
   not affected by terrain losses
                                      711488
                                                  22380.8
   lost to NTSC IX
                                          0
                                                      0.0
   lost to additional IX by ATV
                                         448
                                                     26.6
   lost to ATV IX only lost to all IX
                                         448
                                                     26.6
                                         448
                                                     26.6
Potential Interfering Stations Included in above Scenario
45A IN EVANSVILLE
                            BLCDT
                                      20080404ACD LIC
46A AL HUNTSVILLE
                             USERRECORD01
                                                    APP
Percent new IX =
                    0.0111%
Result key:
                  44
Scenario
                4 Affected station
Before Analysis
Results for: 46A IN EVANSVILLE
                                          BLCDT
                                                    20050916ACR LIC
   HAAT 310.0 m, ATV ERP 250.0 kW
                                   POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                                  22523.0
                                      713137
   not affected by terrain losses
                                                  22380.8
                                      711488
   lost to NTSC IX
                                          0
                                                      0.0
   lost to additional IX by ATV
                                         447
                                                     21.7
  lost to ATV IX only lost to all IX
                                         447
                                                     21.7
                                         447
                                                     21.7
Potential Interfering Stations Included in above Scenario
45A IN EVANSVILLE
                            איזפטיוט
                                       DTVP1612
                                                    \mathbf{p}_{\mathbf{I}}\mathbf{N}
After Analysis
Results for: 46A IN EVANSVILLE
                                          BLCDT
                                                    20050916ACR LIC
  HAAT 310.0 m, ATV ERP 250.0 kW
                                  POPULATION
                                                AREA (sq km)
   within Noise Limited Contour
                                      713137
                                                  22523.0
  not affected by terrain losses
                                                  22380.8
                                      711488
   lost to NTSC IX
                                          0
                                                      0.0
   lost to additional IX by ATV
                                         526
                                                     24.7
   lost to ATV IX only
                                         526
                                                     24.7
   lost to all IX
                                         526
                                                     24.7
Potential Interfering Stations Included in above Scenario
45A IN EVANSVILLE
                            DTVPLN
                                      DTVP1612
                                                    PLN
```

46A AL HUNTSVILLE

USERRECORD01

APP

Percent new IX = 0.0111%

Worst case new IX

0.0111% Scenario

Analysis of Interference to Affected Station 14

Analysis of current record

Channel Call City/State

Application Ref. No.

46

WFIE

EVANSVILLE IN

DTVPLN -DTVP1645

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
45	MEAA	EVANSVILLE IN	2.2	LIC	BLCDT	-20080404ACD
45	MEAA	EVANSVILLE IN	2.2	PLN	DTVPLN	-DTVP1612
46	MIVE	PEORIA IL	352.2	LIC	BLEDT	-20040105ACV
46	MIAb	PEORIA IL	352.2	PLN	DTVPLN	-DTVP1644
46	OHWW	CHILLICOTHE OH	426.2	LIC	BLCDT	-20021025AAA
46	WWHO	CHILLICOTHE OH	426.2	PLN	DTVPLN	-DTVP1652
47	WAVE	LOUISVILLE KY	157.0	LIC	BLCDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	157.0	PLN	DTVPLN	-DTVP1675
46	TUHW	HUNTSVILLE AL	360.9	APP	USERRECOR	D-01

Total scenarios =

Result key:

45

Scenario

1 Affected station

14

Before Analysis

Results for: 46A IN EVANSVILLE

DTVPLN **DTVP1645**  PLN

HAAT 310.0 m, ATV ERP 250.0 kW POPULATION AREA (sq km) within Noise Limited Contour 713137 22523.0 not affected by terrain losses 711488 22380.8 lost to NTSC IX 0 0.0 lost to additional IX by ATV 369 23.7 lost to ATV IX only 369 23.7 lost to all IX 23.7 369

Potential Interfering Stations Included in above Scenario 1

**45A IN EVANSVILLE** 

BLCDT

20080404ACD LIC

After Analysis

Results for: 46A IN EVANSVILLE

DTVPLN

PLN

HAAT 310.0 m, ATV ERP 250.0 kW

DTVP1645

POPULATION AREA (sq km) within Noise Limited Contour 713137 22523.0 not affected by terrain losses 711488 22380.8 lost to NTSC IX 0.0 lost to additional IX by ATV 448 26.6 lost to ATV IX only 448 26.6 lost to all IX 448

Potential Interfering Stations Included in above Scenario

45A IN EVANSVILLE

BLCDT

20080404ACD LIC

46A AL HUNTSVILLE

USERRECORD01

APP

Percent new IX = 0.0111%

Result key:

Scenario 2 Affected Before Analysis	station	14		
Results for: 46A IN EVANSVII HAAT 310.0 m, ATV ERP 2	LE 50.0 kW	DTVPLN	DTVP1645	
	POI	PULATION	AREA (so km)	
within Noise Limited Cont	our	713137	22523.0	,
not affected by terrain 1	.osses	711488	22380.8	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	447	21.7	
lost to ATV IX only		447	21.7	
within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		447	21.7	
Potential Interfering Stati				
45A IN EVANSVILLE	DTVPLN	DTVP1612	PLN	
After Analysis				
Results for: 46% IN EVANSUIT	J.E	א.זכוזייניו	חייית האר	DT.M
Results for: 46A IN EVANSVII HAAT 310.0 m, ATV ERP 2	SOO NEW	DIVELLA	DIALIGED	LIM
within Noise Limited Cont	our	713137	22523 0	
not affected by terrain 1	Odded Odd	711488	22323.0	
lost to NTSC TX	.000000	,11400	0.0	
lost to additional TX by	ντα	526	24 7	
lost to ATV TX only	211 V	526	24.7	
within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		526	24.7	
		540	22.7	
Potential Interfering Stati				2
45A IN EVANSVILLE 46A AL HUNTSVILLE	DTVPLN	DTVP1612	PLN	
46A AL HUNTSVILLE	USERRECOR	RD01	APP	
Percent new IX = 0.0111%				
Result key: 47 Scenario 3 Affected	station	14		
Before Analysis				
Result key: 47 Scenario 3 Affected Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2	LE 50.0 kW	DTVPLN	DTVP1645	PLN
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2	LE 50.0 kW	DTVPLN		PLN
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2	LE 50.0 kW	DTVPLN		PLN
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2	LE 50.0 kW	DTVPLN		PLN
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2	LE 50.0 kW	DTVPLN		PLN
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2	LE 50.0 kW	DTVPLN		PLN
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2	LE 50.0 kW	DTVPLN		PLN
Before Analysis	LE 50.0 kW	DTVPLN		PLN
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2	LE 250.0 kW POI cour .osses	DTVPLN PULATION 713137 711488 0 369 369 369 369	AREA (sq km) 22523.0 22580.8 0.0 23.7 23.7	
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2  within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati	LE 250.0 kW POF cour cosses ATV	DTVPLN PULATION 713137 711488 0 369 369 369 369	AREA (sq km) 22523.0 22580.8 0.0 23.7 23.7 23.7 23.7	
Before Analysis  Results for: 46A IN EVANSVIL  HAAT 310.0 m, ATV ERP 2  within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati  45A IN EVANSVILLE  After Analysis	LE 250.0 kW POI cour .osses ATV .ons Inclu	DTVPLN PULATION 713137 711488 0 369 369 369 369	AREA (sq km) 22523.0 22580.8 0.0 23.7 23.7 23.7 23.7	
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2  within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati  45A IN EVANSVILLE	LE 250.0 kW POF cour cosses ATV  Cons Inclu BLCDT	DTVPLN PULATION 713137 711488 0 369 369 369 369 aded in abo 20080404A	AREA (sq km) 22523.0 22580.8 0.0 23.7 23.7 23.7 ve Scenario CD LIC	
Before Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2  within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati 45A IN EVANSVILLE  After Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2	LLE 250.0 kW POP Cour Cosses ATV  Cons Inclu BLCDT  LLE 250.0 kW POP	DTVPLN 713137 711488 0 369 369 369 369 20080404A DTVPLN	AREA (sq km) 22523.0 22380.8 0.0 23.7 23.7 23.7 ve Scenario CD LIC  DTVP1645 AREA (sq km)	3
Results for: 46A IN EVANSVII  HAAT 310.0 m, ATV ERP 2  within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati  45A IN EVANSVILLE  After Analysis  Results for: 46A IN EVANSVII HAAT 310.0 m, ATV ERP 2  within Noise Limited Cont	LE 250.0 kW POI COUT COSSES ATV  CONS INCLU BLCDT  LE 250.0 kW POI COUT	DTVPIN 713137 711488 0 369 369 369 10ed in abo 20080404A  DTVPIN PULATION 713137	AREA (sq km) 22523.0 22380.8 0.0 23.7 23.7 23.7 ve Scenario CD LIC  DTVP1645  AREA (sq km) 22523.0	3
Results for: 46A IN EVANSVII  HAAT 310.0 m, ATV ERP 2  within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati  45A IN EVANSVILLE  After Analysis  Results for: 46A IN EVANSVII HAAT 310.0 m, ATV ERP 2  within Noise Limited Cont not affected by terrain 1	LE 250.0 kW POI COUT COSSES ATV  CONS INCLU BLCDT  LE 250.0 kW POI COUT	DTVPLN 713137 711488 0 369 369 369 369 00ed in abo 20080404A  DTVPLN 713137 711488	AREA (sq km) 22523.0 22380.8 0.0 23.7 23.7 23.7 ve Scenario CD LIC  DTVP1645  AREA (sq km) 22523.0 22380.8	3
Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati 45A IN EVANSVILLE After Analysis Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX	LE 250.0 kW POI cour cosses ATV  Cons Inclu BLCDT  LE 50.0 kW POI cosses	DTVPLN 713137 711488 0 369 369 369 369 369 ded in abo 20080404A  DTVPLN PULATION 713137 711488 0	AREA (sq km) 22523.0 22380.8 0.0 23.7 23.7 23.7  Ve Scenario CD LIC  DTVP1645  AREA (sq km) 22523.0 22380.8 0.0	3
Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati  45A IN EVANSVILLE  After Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by	LE 250.0 kW POI cour cosses ATV  Cons Inclu BLCDT  LE 50.0 kW POI cosses	DTVPLN 713137 711488 0 369 369 369 369 369 369 369 369 3100 20080404A  DTVPLN PULATION 713137 711488 0 448	AREA (sq km) 22523.0 22380.8 0.0 23.7 23.7 23.7 ve Scenario CD LIC  DTVP1645  AREA (sq km) 22523.0 22380.8 0.0 26.6	3
Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati 45A IN EVANSVILLE After Analysis Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only	LE 250.0 kW POI cour cosses ATV  Cons Inclu BLCDT  LE 50.0 kW POI cosses	DTVPLN 713137 711488 0 369 369 369 369 ded in abo 20080404A  DTVPLN 713137 711488 0 448 448	AREA (sq km) 22523.0 22380.8 0.0 23.7 23.7 23.7 EVE Scenario  CD LIC  DTVP1645  AREA (sq km) 22523.0 22380.8 0.0 26.6 26.6	3
Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati  45A IN EVANSVILLE  After Analysis  Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by	LE 250.0 kW POI cour cosses ATV  Cons Inclu BLCDT  LE 50.0 kW POI cosses	DTVPLN 713137 711488 0 369 369 369 369 369 369 369 369 3100 20080404A  DTVPLN PULATION 713137 711488 0 448	AREA (sq km) 22523.0 22380.8 0.0 23.7 23.7 23.7 ve Scenario CD LIC  DTVP1645  AREA (sq km) 22523.0 22380.8 0.0 26.6	3
Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati 45A IN EVANSVILLE After Analysis Results for: 46A IN EVANSVIL HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only	LE 250.0 kW POI COUT COSSES ATV  CONS Inclu BLCDT  LE 250.0 kW POI COUT COSSES	DTVPIN 713137 711488 0 369 369 369 369 00ed in abo 20080404A  DTVPIN 713137 711488 0 448 448 448	AREA (sq km) 22523.0 22380.8 0.0 23.7 23.7 23.7  Ve Scenario CD LIC  DTVP1645  AREA (sq km) 22523.0 22380.8 0.0 26.6 26.6 26.6	3
Results for: 46A IN EVANSVII HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati 45A IN EVANSVILLE After Analysis Results for: 46A IN EVANSVII HAAT 310.0 m, ATV ERP 2 within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stati	LE 250.0 kW POI COUT COSSES ATV  CONS Inclu BLCDT  LE 250.0 kW POI COUT COSSES	DTVPIN 713137 711488 0 369 369 369 369 00ed in abo 20080404A  DTVPIN 713137 711488 0 448 448 448	AREA (sq km) 22523.0 22380.8 0.0 23.7 23.7 23.7  Ve Scenario CD LIC  DTVP1645  AREA (sq km) 22523.0 22380.8 0.0 26.6 26.6 26.6 ve Scenario	3 PLN

Percent new IX = 0.0111% Result key: 48 Scenario Affected station 1.4 Before Analysis DTVPLN Results for: 46A IN EVANSVILLE DTVP1645 PLN HAAT 310.0 m, ATV ERP 250.0 kW POPULATION AREA (sq km) within Noise Limited Contour 713137 22523.0 not affected by terrain losses 711488 22380.8 lost to NTSC IX 0 0.0 21.7 lost to additional IX by ATV 447 lost to ATV IX only 447 21.7 lost to all IX 447 21.7 Potential Interfering Stations Included in above Scenario 45A IN EVANSVILLE DTVPLN DTVP1612 PLNAfter Analysis Results for: 46A IN EVANSVILLE DTVPLN **DTVP1645** HAAT 310.0 m, ATV ERP 250.0 kW POPULATION AREA (sq km) within Noise Limited Contour 713137 22523.0 not affected by terrain losses 711488 22380.8 lost to NTSC IX 0 0.0 lost to additional IX by ATV 526 24.7 lost to ATV IX only 526 24.7 lost to all IX 526 24.7 Potential Interfering Stations Included in above Scenario 45A IN EVANSVILLE DIVPLN DTVP1612 PLN 46A AL HUNTSVILLE USERRECORD01 APP 0.0111% Percent new IX = Worst case new IX 0.0111% Scenario Analysis of Interference to Affected Station 15 Analysis of current record

Channel Call City/State Application Ref. No.
47 WLJT LEXINGTON TN BMPEDT -20020426AAH

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km) Status	Application Ref. No.
47	WRBU	EAST ST. LOUIS IL	342.1 LIC	BLCDT -20020510ABC
47	WRBU	EAST ST. LOUIS IL	342.1 PLN	DTVPLN -DTVP1674
47	WAVE	LOUISVILLE KY	385.1 LIC	BLCDT -20030306ABQ
47	WAVE	LOUISVILLE KY	385.1 PLN	DTVPLN -DTVP1675
48	KVTJ	JONESBORO AR	173.7 PLN	DTVPLN -DTVP1696
48	KVTJ	JONESBORO AR	173.7 CP	BPCDT -20080318ABM
46	WHNT	HUNTSVILLE AL	216.4 APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of current record

Channel Call City/State
47 WLJT LEXINGTON TN

Application Ref. No. DTVPLN -DTVP1692

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km) Status	Application Ref. No.
47	WRBU	EAST ST. LOUIS IL	342.1 LIC	BLCDT -20020510ABC
47	WRBU	EAST ST. LOUIS IL	342.1 PLN	DTVPLN -DTVP1674
47	WAVE	LOUISVILLE KY	385.1 LIC	BLCDT -20030306ABQ
47	WAVE	LOUISVILLE KY	385.1 PLN	DTVPLN -DTVP1675
48	KVTJ	JONESBORO AR	173.7 PLN	DTVPLN -DTVP1696
48	KVTJ	JONESBORO AR	173.7 CP	BPCDT -20080318ABM
46	WHNTT	HINTSVILLE AL	216 4 ADD	TIGEDDECODD-01

Proposed station is beyond the site to nearest cell evaluation distance

#### 

Analysis of Interference to Affected Station 17

Analysis of current record

Channel Call City/State Application Ref. No.
49 W49AY BIRMINGHAM AL BLTTL -19920218JN

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
41	WZDX	HUNTSVILLE AL	141.6	CP MOD	BMPCDT	-20020708AAU
41	WZDX	HUNTSVILLE AL	141.6	PLN	DIVPLN	-DTVP1460
42	WIAT	BIRMINGHAM AL	0.4	LIC	BLCT	-19961001UP
45	WPXH	GADSDEN AL	55.1	LIC	BLCDT	-20020510AAL
45	WPXH	GADSDEN AL	55.1	PLN	DTVPLN	-DTVP1602
46	WMCF-TV	MONTGOMERY AL	133.0	LIC	BLCDT	-20060620ABX
46	WMCF-TV	MONTGOMERY AL	133.0	PLN	DTVPLN	-DTVP1635
46	WMCF-TV	MONTGOMERY AL	133.0	CP	BPCDT	-20080319AAV
49	WAFF	HUNTSVILLE AL	138.7	LIC	BLCDT	-20021023ABD
49	WAFF	HUNTSVILLE AL	138.7	PLN	DTVPLN	-DTVP1727
49	WAWD	FORT WALTON BEACH FL	344.5	PLN	DTVPLN	-DTVP1734
49	WAWD	FT. WALTON BEACH FL	344.3	CP	BPCDT	-19991105AAL
49	WXTX	COLUMBUS GA	213.0	<b>LIC</b>	BLCDT	~20060630ACY
49	WXTX	COLUMBUS GA	213.0	PLN	DTVPLN	-DTVP1737
49	NEW	TUPELO MS	169.2	LIC	BPRM	-20000717AER
49	960920LX	TUPELO MS	169.2	CP	BPCT	-19960920LX
50	WBRC	BIRMINGHAM AL	1.1	CP	BPCDT	-20080314ACG
50	WBRC	BIRMINGHAM AL	1.1	PLN	DIVPLN	-DTVP1758
50	WBRC	BIRMINGHAM AL	1.1	LIC	BLCDT	-20050825ADM
46	WHNT	HUNTSVILLE AL	141.8	APP	USERRECORI	0-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel Call City/State Application Ref. No.
49 WDNN-CA DALTON GA BLTTL -20020319ABG

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No.

41	WZDX	HUNTSVILLE AL	138.4	CP MOD	BMPCDT	-20020708AAU
41	WZDX	HUNTSVILLE AL	138.4	PLN	DTVPLN	-DTVP1460
41	WATC	ATLANTA GA	90.3	LIC	BLEDT	-20070912AAT
41	WATC	ATLANTA GA	90.3	PLN	DTVPLN	-DTVP1466
42	WFLI-TV	CLEVELAND IN	58.0	LIC	BLCDT	-20050808AGH
42	WFLI-TV	CLEVELAND TN	58.0	PLN	DTVPLN	-DTVP1516
48	WUVG~TV	ATHENS GA	120.3	LIC	BLCDT	-20030805AJO
48	WUVG-TV	ATHENS GA	120.3	PLN	DTVPLN	-DTVP1705
49	WAFF	HUNTSVILLE AL	138.7	LIC	BLCDT	-20021023ABD
49	WAFF	HUNTSVILLE AL	138.7	PLN	DTVPLN	-DTVP1727
49	W49AD	CARROLLTON GA	130.0	LIC	BLTT	-20021204AAL
49	WXTX	COLUMBUS GA	252.9	LIC	BLCDT	-20060630ACY
49	WXTX	COLUMBUS GA	252.9	PLN	DIVPLN	-DTVP1737
49	W49DE	MARIETTA GA	90.4	LIC	BLTT	-20071127AGO
49	NEW	TUPELO MS	337.3	LIC	BPRM	-20000717AER
49	960920LX	TUPELO MS	337.3	CP	BPCT	-19960920LX
49	WRET-TV	SPARTANBURG SC	292.2	CP	BPET	-20050324ACG
49	WLFG	GRUNDY VA	352.8	CP	BPCDT	-19991029AGK
49	WLFG	GRUNDY VA	352.8	PLN	DIVPLN	-DTVP1754
51	WPXA	ROME GA	57.6	LIC	BLCDT	-20020510AAN
51	WPXA	ROME GA	57.6	PLN	DTVPLN	-DTVP1793
63	WHSG-TV	MONROE GA	144.5	<b>LIC</b>	BLCT	-19910304KF
64	960723LD	TULLAHOMA TN	91.7	APP	BPCT	-19960723LD
46	WHNT	HUNTSVILLE AL	138.4	APP	USERRECORD	0-01

Proposed station is beyond the site to nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 19

Analysis	of current	record		
Channel	Call	City/State	Application Ref. No	١.
46	WHNT	HUNTSVILLE AL	USERRECORD-01	

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat	tion Ref. No.
45	WPXH	GADSDEN AL	94.4	LIC	BLCDT	-20020510AAL
45	WPXH	GADSDEN AL	94.4	PLN	DIVPLN	-DTVP1602
46	WMCF-TV	MONTGOMERY AL	261.4	LIC	BLCDT	-20060620ABX
46	WMCF-TV	MONTGOMERY AL	261.4	PLN	DIVPLN	-DTVP1635
46	WMCF-TV	MONTGOMERY AL	261.4	CP	BPCDT	-20080319AAV
46	WFIE	EVANSVILLE IN	360.9	LIC	BLCDT	-20050916ACR
46	WFIE	EVANSVILLE IN	360.9	PLN	DTVPLN	-DTVP1645
47	WLJT	LEXINGTON TN	216.4	CP MOD	BMPEDT	-20020426AAH
47	WLJT	LEXINGTON TN	216.4	PLN	DTVPLN	-DTVP1692

Total scenarios = 12

Result key:

49 1 Affected station Scenario

19

Before Analysis

Results for: 46A AL HUNTSVILLE	USERI	RECORD01	APP
HAAT 531.0 m, ATV ERP 575.0	kW		
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1375692	34679.3	
not affected by terrain losses	1290960	32420.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16268	413.5	
lost to ATV IX only	16268	413.5	
lost to all IX	16268	413.5	

Potential Interfering Stations Included in above Scenario

45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE	BLCDT BLCDT BLCDT	20020510A 20060620A 20050916A	AL LIC BX LIC CR LIC	
Result key: 50 Scenario 2 Affected Before Analysis	l station	19		
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP	E7E 0 1-M			APP
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	PO ntour losses	PULATION 1375692 1290960	AREA (sq km) 34679.3 32420.4 0.0 413.5	
lost to all IX		16268	413.5	
Potential Interfering Stat				2
45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE		1	AL LIC BX LIC PLN	
Result key: 51 Scenario 3 Affected Before Analysis	l station	19		
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP	LLE 575.0 kW		CORD01	APP
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	ntour losses ATV	DPULATION : 1375692 1290960 0 14061 14061 14061	AREA (sq km) 34679.3 32420.4 0.0 361.6 361.6 361.6	
Potential Interfering Stat				3
45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE	BLCDT DTVPLN BLCDT	20020510A DTVP1635 20050916A	AL LIC PLN CR LIC	
Result key: 52 Scenario 4 Affected Before Analysis				
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP	LLE 575.0 kW	USERRE	CORD01	APP
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	PO ntour	DPULATION 1375692 1290960 0 14061 14061	AREA (garkm)	
Potential Interfering Stat	ions Incl	luded in abo	ve Scenario	4
45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE	BLCDT DTVPLN DTVPLN	20020510A DTVP1635 DTVP1645	AL LIC PLN PLN	
Result key: 53 Scenario 5 Affected Before Analysis	I station	19		
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP			CORD01	APP

within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat	losses ATV	1290960 0 14645 14645 14645	32420.4 0.0 359.7 359.7 359.7	5
_				3
45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE			AAL LIC AAV CP ACR LIC	
Result key: 54 Scenario 6 Affected Before Analysis				
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP	LLE 575.0 kW	USERR	ECORD01	APP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	P	OPULATION	AREA (sor km)	
within Noise Limited Con	tour	1375692	34679.3	
not affected by terrain	losses	1290960	32420.4	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	14645	359.7	
lost to ATV IX only		14645	359.7	
TOST TO ALL IX		14645	359.7	
Potential Interfering Stat				6
45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE	BLCDT	20020510	AAL LIC	
46A AL MONTGOMERY	BPCDT	20080319	AAV CP	
46A IN EVANSVILLE	DTVPLN	DTVP1645	PLN	
Result key: 55 Scenario 7 Affected Before Analysis				
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP	LLE 575.0 kW	USERR	ECORD01	APP
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP	LLE 575.0 kW	USERR V POPULATION	ECORD01  AREA (sq km)	APP
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP within Noise Limited Con	LLE 575.0 kW E tour	USERR POPULATION 1375692	ECORD01  AREA (sq km) 34679.3	APP
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP within Noise Limited Con not affected by terrain	LLE 575.0 kW F tour losses	USERR POPULATION 1375692 1290960	ECORD01  AREA (sq km) 34679.3 32420.4	APP
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX	LLE 575.0 kW tour losses	USERR POPULATION 1375692 1290960 0	AREA (sq km) 34679.3 32420.4 0.0	APP
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by	LLE 575.0 kW tour losses ATV	USERR POPULATION 1375692 1290960 0	AREA (sq km) 34679.3 32420.4 0.0 413.5	APP
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	LLE 575.0 kW tour losses ATV	USERR POPULATION 1375692 1290960 0 16268 16268	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5	APP
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	LLE 575.0 kw E tour losses ATV	USERR POPULATION 1375692 1290960 0 16268 16268 16268	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5	APP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat	tour Losses ATV	1375692 1290960 0 16268 16268 16268	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat	tour Losses ATV	1375692 1290960 0 16268 16268 16268 16268	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour losses ATV ions Inc	1375692 1290960 0 16268 16268 16268 :luded in ab	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat	tour losses ATV ions Inc	1375692 1290960 0 16268 16268 16268 :luded in ab	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 ove Scenario	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat. 45A AL GADSDEN 46A AL MONTGOMERY	tour losses ATV ions Inc DTVPLN BLCDT BLCDT	1375692 1290960 0 16268 16268 16268 :luded in ab DTVP1602 20060620 20050916	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 eove Scenario	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat.  45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE  Result key: 56 Scenario 8 Affected Before Analysis	tour losses ATV  ions Inc DTVPLN BLCDT BLCDT station	POPULATION 1375692 1290960 0 16268 16268 16268 cluded in ab DTVP1602 20060620 20050916	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 eove Scenario PLN ABX LIC	7
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat.  45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE  Result key: 56 Scenario 8 Affected Before Analysis	tour losses ATV  ions Inc DTVPLN BLCDT BLCDT station	POPULATION 1375692 1290960 0 16268 16268 16268 21uded in ab DTVP1602 20060620 20050916	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 cove Scenario PIN ABX LIC ACR LIC	
within Noise Limited Com not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat  45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE  Result key: 56 Scenario 8 Affected Before Analysis  Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP	tour losses ATV  ions Inc DTVPLN BLCDT BLCDT station	POPULATION 1375692 1290960 0 16268 16268 16268 21uded in ab DTVP1602 20060620 20050916	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 ove Scenario PLN ABX LIC ACR LIC	7
within Noise Limited Com not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat  45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE  Result key: 56 Scenario 8 Affected Before Analysis  Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP	tour losses ATV  ions Inc DTVPLN BLCDT BLCDT station	POPULATION 1375692 1290960 0 16268 16268 16268 21uded in ab DTVP1602 20060620 20050916	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 ove Scenario PLN ABX LIC ACR LIC ECORD01 AREA (sq km) 34679.3	7
within Noise Limited Com not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat  45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE  Result key: 56 Scenario 8 Affected Before Analysis  Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP within Noise Limited Com not affected by terrain	tour losses ATV  ions Inc DTVPLN BLCDT BLCDT station	2001LATION 1375692 1290960 0 16268 16268 16268 20060620 20050916 1 19 USERR 1 1009ULATION 1375692 1290960	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 ove Scenario PLN ABX LIC ACR LIC  ECORD01  AREA (sq km) 34679.3 32420.4	7
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat.  45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE  Result key: 56 Scenario 8 Affected Before Analysis  Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP  within Noise Limited Con not affected by terrain in lost to NTSC IX	tour losses  ATV  ions Inc  DTVPLN BLCDT  station  LLE 575.0 kW F tour	200604210N 1375692 1290960 0 16268 16268 16268 20060620 20050916 1 19 USERR COPULATION 1375692 1290960	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 eve Scenario PLN ABX LIC ACR LIC  AREA (sq km) 34679.3 32420.4 0.0	7
within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat.  45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE  Result key: 56 Scenario 8 Affected Before Analysis  Results for: 46A AL HUNTSVILLE  within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by	tour losses  ATV  ions Inc  DTVPLN BLCDT  station  LLE 575.0 kW F tour	POPULATION 1375692 1290960 0 16268 16268 16268 21uded in ab DTVP1602 20060620 20050916 19 USERR POPULATION 1375692 1290960 0 16268	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 eve Scenario PLN ABX LIC ACR LIC  ECORD01  AREA (sq km) 34679.3 32420.4 0.0 413.5	7
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat.  45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE  Result key: 56 Scenario 8 Affected Before Analysis  Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP  within Noise Limited Con not affected by terrain in lost to NTSC IX	tour losses  ATV  ions Inc  DTVPLN BLCDT  station  LLE 575.0 kW F tour	POPULATION 1375692 1290960 0 16268 16268 16268 cluded in ab DTVP1602 20060620 20050916 19 USERR POPULATION 1375692 1290960 0 16268 16268	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 eove Scenario PLN ABX LIC ACR LIC  ECORD01  AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5	7
within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to ATV IX only lost to all IX  Potential Interfering Stat  45A AL GADSDEN  46A AL MONTGOMERY  46A IN EVANSVILLE  Result key: 56 Scenario 8 Affected Before Analysis  Results for: 46A AL HUNTSVII HAAT 531.0 m, ATV ERP  within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	tour losses  ATV  ions Inc  DTVPLN BLCDT  station  LLE 575.0 kW F tour	POPULATION 1375692 1290960 0 16268 16268 16268 21uded in ab DTVP1602 20060620 20050916 19 USERR POPULATION 1375692 1290960 0 16268	AREA (sq km) 34679.3 32420.4 0.0 413.5 413.5 413.5 eve Scenario PLN ABX LIC ACR LIC  ECORD01  AREA (sq km) 34679.3 32420.4 0.0 413.5	7

45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE	DTVPLN BLCDT DTVPLN	DTVP1602 20060620ABX DTVP1645	PLN LIC PLN	
Result key: 57 Scenario 9 Affected Before Analysis	i station	19		
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP	E7E 0 1-10			APP
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	PC	PULATION ARE	A (sq km)	
not affected by terrain	logges	1375692 3	4679.3 2420 4	
lost to NTSC IX	105565	0	0.0	
lost to additional IX by	y ATV	14061	361.6	
lost to ATV IX only		14061	361.6	
lost to all IX		14061	361.6	
Potential Interfering Stat				9
45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE	DTVPLN	DTVP1602	PLN	
46A AL MONIGOMERY	DIAPTM	DIVET032	PLIN T.T.C	
TOW IN EANIBATIOE	DIICDI	ZUUJUJIOACK	DIC	
Result key: 58 Scenario 10 Affected				
Scenario 10 Affected	d station	19		
Before Analysis				
Results for: 46A AL HUNTSV	(LLE	USERRECOR	D01	APP
HAAT 531.0 m, ATV ERP	575.0 kW			
	. PC	OPULATION ARE	A (sq km)	
within Noise Limited Con	ntour	1375692 3	4679.3	
lost to NTSC TX	TOSSES	0	0.0	
lost to additional IX by	y ATV	14061	361.6	
lost to ATV IX only	•	14061	361.6	
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		14061	361.6	
Potential Interfering Stat	tions Incl	luded in above	Scenario	10
45A AL GADSDEN 46A AL MONTGOMERY 46A IN EVANSVILLE	DTVPLN	DTVP1602	PLN	
46A AL MONTGOMERY	DTVPLN	DTVP1635	PLN	
46A IN EVANSVILLE	DTVPLN	DTVP1645	PLN	
Result key: 59 Scenario 11 Affected	i station	19		
Before Analysis				
Results for: 46A AL HUNTSV: HAAT 531.0 m, ATV ERP	ILLE 575.0 kW	USERRECOF	2D01	APP
	PC	OPULATION ARE	:A (sq km)	
within Noise Limited Con	ntour	1375692	34679.3 32420.4	
not affected by terrain lost to NTSC IX	TOSSES	0	0.0	
lost to additional IX by	y ATV	14645	359.7	
lost to ATV IX only			359.7	
lost to all IX		14645	359.7	
Potential Interfering Stat	tions Incl	luded in above	Scenario	11
45A AL GADSDEN		DTVP1602		
46A AL MONTGOMERY 46A IN EVANSVILLE	BPCDT	20080319AAV	CP	
40W IN EAWNAITHE	BUCDI	Z0050916ACR	TITC	
Result key: 60				
Result key: 60 Scenario 12 Affected	d station	19		
Before Analysis				
Dogulta for ACA at Improcess	rr. T. 17	HORDSHOOT	D01	74 TO PO
Results for: 46A AL HUNTSVI HAAT 531.0 m, ATV ERP		USERRECOR	TOT	APP

within Noise Limited Contour	POPULATION 1375692	AREA (sq km) 34679.3
not affected by terrain losses	1290960	32420.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14645	359.7
lost to ATV IX only	14645	359.7
lost to all IX	14645	359.7

Potential Interfering Stations Included in above Scenario 12

45A AL GADSDEN	DIVPLN	DTVP1602	PLN
46A AL MONTGOMERY	BPCDT	20080319AAV	CP
46A IN EVANSVILLE	DIVPLN	DTVP1645	PLN

FINISHED FINISHED FINISHED FINISHED FINISHED

### APPENDIX

# DIRECTIONAL ANTENNA INFORMATION

## DA Inquiry



du Treil, Lundin, & Rackley, Inc., Sarasota, Florida

